

AMENDMENTS TO THE CLAIMS:

Please amend the claims to read as follows:

Listing of Claims:

- 1 1. (Previously presented) An apparatus comprising:
2 a refrigerator to absorb heat generated by a heat generating unit for a mobile computing
3 device, the refrigerator to include a cold reservoir and a hot reservoir, the cold reservoir to be in
4 thermal contact with a working fluid loop, a fluid of the working fluid loop being in thermal
5 contact with the heat generating unit, wherein a pump of the working fluid loop is powered off in
6 response to the mobile computing device receiving power from a battery power source.
- 1 2. (Previously presented) The apparatus of claim 1, wherein the refrigerator is located in a
2 docking station for the mobile computing device.
- 1 3. (Original) The apparatus of claim 1, further including a heat exchanger to dissipate heat from
2 the hot reservoir.
- 1 4. (Previously presented) The apparatus of claim 1, to further include:
2 a heat exchanger to dissipate heat from the fluid of the loop; and
3 a fan to dissipate heat from the heat exchanger.

1 5. (Original) The apparatus of claim 4, wherein the cold reservoir is to absorb heat from the fluid
2 of the loop after the heat exchanger has dissipated heat from the fluid of the loop.

1 6. (Previously presented) The apparatus of claim 5, wherein the pump of the working fluid loop
2 is powered on in response to the mobile computing device receiving power from an alternating
3 current (AC) power outlet.

1 7. (Previously presented) The apparatus of claim 4, wherein the fan is powered on in response to
2 the heat generating unit reaching a given temperature.

1 8. (Previously presented) The apparatus of claim 1, wherein the refrigerator is powered on in
2 response to one or more events selected from a group of events consisting of: a source of power
3 provided to the mobile computing device, a given detected temperature of the heat generating
4 unit, a given detected internal ambient temperature of the mobile computing device and a level of
5 power provided to the heat generating unit.

1 9-14. (Canceled).

1 15. (Currently Amended) An apparatus comprising:

2 a refrigerator to be placed in a mobile computing device, the refrigerator including a cold
3 reservoir and a hot reservoir, the cold reservoir to absorb heat generated by a heat generating unit
4 of the mobile computing device;

5 a working fluid loop with a fluid of the working fluid loop being in thermal contact with
6 the heat generating unit, the cold reservoir of the refrigerator to absorb heat from the fluid of the
7 working fluid loop;

8 a heat exchanger to dissipate heat from the fluid of the loop;

9 a fan to dissipate heat from the heat exchanger; and

10 a pump to circulate the fluid of the working fluid loop between the heat generating unit
11 and the cold reservoir, wherein at least one of the refrigerator, the pump and the fan are

12 selectively powered off on in response to the mobile computing device receiving power from a

13 battery power source. ~~one or more events selected from a group of events consisting of: a source~~

14 ~~of power provided to the mobile computing device, a given detected temperature of the heat~~

15 ~~generating unit, a given detected internal ambient temperature of the mobile computing device~~

16 ~~and a level of power provided to the heat generating unit.~~

1 16. (Previously presented) The apparatus of claim 15, further comprising a second heat

2 exchanger to dissipate heat from the hot reservoir of the refrigerator.

1 17. (Canceled).

- 1 18. (Previously presented) The apparatus of claim 15, wherein the refrigerator comprises one of:
- 2 a vapor compression refrigerator, a thermoelectric refrigerator, a thermoionic refrigerator, a
- 3 magnetic refrigerator, a thermo acoustic refrigerator and an absorption refrigerator.
- 1 19-20. (Canceled).